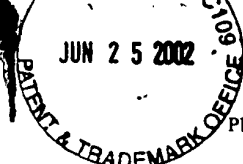


JUN 25 2002



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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE.

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/924,120
		Filing Date	August 8, 2001
		First Named Inventor	Mitsuru SEKIGUCHI et al.
		Group Art Unit	2815
		Examiner Name	Matthew C. Landau
Total Number of Pages in This Submission		Attorney Docket Number	0819-0616
ENCLOSURES (check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Response to Restriction Requirement, Election of Species and Preliminary Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ RECEIVED JUL - 1 2002 TECHNOLOGY CENTER 2800	
Remarks		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for the above identified docket number.	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Donald R. Studebaker, Reg. No. 32,815 Nixon Peabody LLP 8180 Greensboro Drive Suite 800 McLean, VA 22012		
Signature			
Date	June 17, 2002		
CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 06/17/2002			
Type or printed name	Gwyn J. Cantrell		
Signature			Date June 17, 2002

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PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032

FEE TRANSMITTAL FOR FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$110.00)

Complete if Known

Application Number	09/924,120
Filing Date	August 8, 2001
First Named Inventor	Mitsuru Sekiguchi et al.
Examiner Name	Matthew C. Landau
Group Art Unit	2815
Attorney Docket No.	740819-616

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-2380

Deposit Account Name Nixon Peabody LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$0.00)

2. EXTRA CLAIM FEES

Total Claims -20** = X =

Independent Claims -3** = X =

Multiple Dependent =

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$0.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English transaction	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	110.00
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.29(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$110.00)

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Gwyn J. Cantrell
Gwyn J. Cantrell

SUBMITTED BY

Name (Print/Type) Donald R. Studebaker

Registration No. 32,815
(Attorney/Agent)

Complete (if applicable)

Telephone 703-770-9300

Signature

Date June 17, 2002

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COPY OF PAPERS
ORIGINALLY FILED

Docket No. 740819-616

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Mitsuru SEKIGUCHI et al.

Application Serial No. 09/924,120

Filed: August 8, 2001

For: SEMICONDUCTOR DEVICE AND
METHOD FOR FABRICATING THE
SAME

) Group Art Unit: 2815

) Examiner Matthew Landau

) CERTIFICATE OF MAILING

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) Lewyn J. Cantrell
Lewyn J. Cantrell

)

)

#9/9
7/22/2
burke

RESPONSE TO RESTRICTION, ELECTION OF SPECIES REQUIREMENT &
PRELIMINARY AMENDMENT

Honorable Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

In response to the Official Action dated April 23, 2002, please consider the following amendments and remarks in connection with the above-identified application.

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IN THE CLAIMS:

Please cancel claims ~~7-20~~ in their entirety without prejudice or disclaimer of the subject matter disclosed therein.

Please add new claims 21-32 as follows.

21. (New) A method for fabricating a semiconductor device, comprising the steps of:
forming, on a substrate, a barrier metal film of a metal whose conductivity will not be lost when the metal is oxidized or of a conductive metal oxide; and
forming a conductive film as a wiring, such that conductive film is in contact with the barrier metal film.

22. (New) The method of Claim 21, wherein the metal is Ru, Ir or an alloy containing Ru or Ir.

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